FORM PTO-1449 U.S. Department of									. DOCKET NO.		SERIAL NO.			
Commerce (Rev. 4/92) Patent and Trademark Office									33021CX5		09/933,805			
OIPE	INFOR	MATI	ON D	ISCLO	OSUR	E			ICANT INOMIYA, et al					
						11			IG DATE		GROUP 2186			
	(Use several sheets if necessary) U.S. PATENT													
TO MADEMARK					U	.S. P	AIE	VI DOC	UMEN 1 5	Τ		 -		
EXAMINER INITIAL	DOCU	DOCUMENT NUMBER							NAME	CLASS	SUBCLASS	FILING I IF APPRO	DATE PRIATE	
HBP	4	9	4	7	3	6	7	8/90	Chang et al					
HBP	5	0	3	4	9	1	4	7/91	Osterlund	ļ				
ABP	5	2	0	6	9	3	9	4/93	Yanai et al	<u> </u>	RECE	EIVE	<u>D</u>	
HBP	5	3_	0	1	3	0	4	4/94	Menon		APR (2 2004		
НВР	5	3	3	5	3	5	2	8/94	Yanai et al	<u> </u>	1 -	Center 210		
H8P	5	4	5	9	8	5	3	10/95	Best et al	<u> </u>	echnology			
нвр	5	4	6	5	3	8	2	11/95	Day, III, et al					
FOREIGN	I PATE	NT I	DOC	UME	NTS									
	DOCU	DOCUMENT NUMBER							COUNTRY	CLASS	SUBCLASS	ABSTRACT		
		_	1		т —		T			 		YES	NO	
HBP	4	2	1	9	8	1	5	8/92	Japan			XX		
HBP	4	2	8	3	8	2	2	10/92	Japan			XX	-	
HBP	5	1_	5	8	7	9	7	6/93	Japan		-	XX	ļ	
HBP	6	1	2	1	5	2	5	1/86	Japan			хх		
HBP	3	0	1	5	9	5	7	1/91	Japan			XX	ļ	
НВР	5	3_	0	7	4	4	0	11/93	Japan			ХХ		
OTHER D	OCUM	1ENT	S (Ir	nclu	ding	Auth	or, T	itle, Da	te, Pertinent Pag	ges, E	tc.)			
нвр		A Fast Algorithm for Calculating Offsets During CKD-Emulation, IBM Technical Disclosure Bulletin, Jan. 1991.												
HBP		Virtual Count Key Data, IBM Technical Disclosure Bulletin, March 1993.												
нвР		System for Blocking Variable Length Records, IBM Technical Disclosure Bulletin, Sept. 1973.												
EXAMINER			B. Pay					NSIDER	ED					
		if cit	ation	is co					gh citation if not in ation to applicant.	confo	mance and r	not		

(Form PTO-1449 [6-4])

Rev. 4	1/021				of					SERIAL NO.			
	732)	Pate	nt and	d Tra	dema	ark	500.	33021CX5		09/933,805			
FOR	MATIO	ON DI	SCLO	SUR	E								
(Use several sheets if necessary)										GROUP 2186			
				U	.S. P	ATE	NT DOC	UMENTS					
DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING I IF APPRO			
5	5	3	0	8	1	9	6/96	Day, III, et al					
5	6	6	4	1	4	4	9/97	Yanai et al					
5	9	0	9	6	9	2	6/99	Yanai et al					
6	1	8	5	6	5	3	2/01	Yanai et al		DECE		\Box	
6	5	8 -	7	9	1	- 9	7/03	Yanai et al		Γ.			
-										APR 0	2, 2004	•	
										Technology	Center	2100	
ATE	NT [OOC	UME	NTS	1			<u> </u>	1	- L 	<u> </u>		
DOCUMENT NUMBER							DATE	COUNTRY	CLASS SUBCLASS ABSTRACT			<u>r</u>	
	<u> </u>	т	<u>T</u>	T		1			_		YES	NO	
0	3	4	7	0_	3	2	12/89	European			<u> </u>	ļ	
0	5	5	9	1	4	2	9/93	European		-		ļ	
		<u> </u>				ļ						ļ	
		<u> </u>											
CUM	IENT	S (Ir	ncluc	ding	Autl	nor, T	itle, Da	te, Pertinent Pa	iges, E	tc.)		-	
Rapid Access Method for Fixed Block DASD Records, IBM Technical Disclosure Bulletin, September 1977.													
	<u> </u>					,		<u> </u>			·		
					DA	TE 00	חאפותבם					· <u>-</u>	
								/13 /04					
	DOCU 5 5 6 6 6 PATE DOCU 0 0 PATE DOCU 0 P	DOCUMENT NI 5 5 6 5 9 6 1 6 5 5 6 6 5 9 6 1 6 5 6 6 7 7 7 7 7 7 7 7	CUMENTS (Ir	CUMENTS (Include Rapid Access Meth	CUMENTS (Including Rapid Access Method for sample Cuments Cuments	U.S. P DOCUMENT NUMBER	CUMENTS (Including Author, Tapid Access Method for Fixed Bloseptember 1977.	T. N Filth Aug	CUMENTS (Including Author, Title, Date, Pertinent Paragida Access Method for Fixed Block DASD Records, IBM Text	T. NINOMIYA, et al FILING DATE August 22, 2001	T. NINOMIYA, et al	T. NINOMIYA, et al FILING DATE GROUP 2186	